

TECHNICAL FILE

Trademark:



Type: W60

Manufacturer: COMER SpA

42011 Bagnolo in Piano (RE) ITALY



FACTORY ORIGINAL PARTS ONLY ADMITTED

ANY MATERIAL REMOVAL OR POLISHING IS FORBIDDEN

THE ENGINE MUST BE ORIGINAL

TECHNICAL INFORMATION

BORE :	47 mm	Fuel	- Mix 5%
		Ignition	- Electronic "Bosch-Ducati"
STROKE :	35 mm	Clutch	- Centrifugal single piece
		Drive	- Z11 Z12
DISPLACEMENT:		Carburettor	- Tillotson HL 166
61 cc.		Cylinder	- NICASIL

STAMP AND SIGNATURE
(National Sporting Authority)

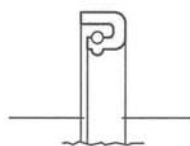
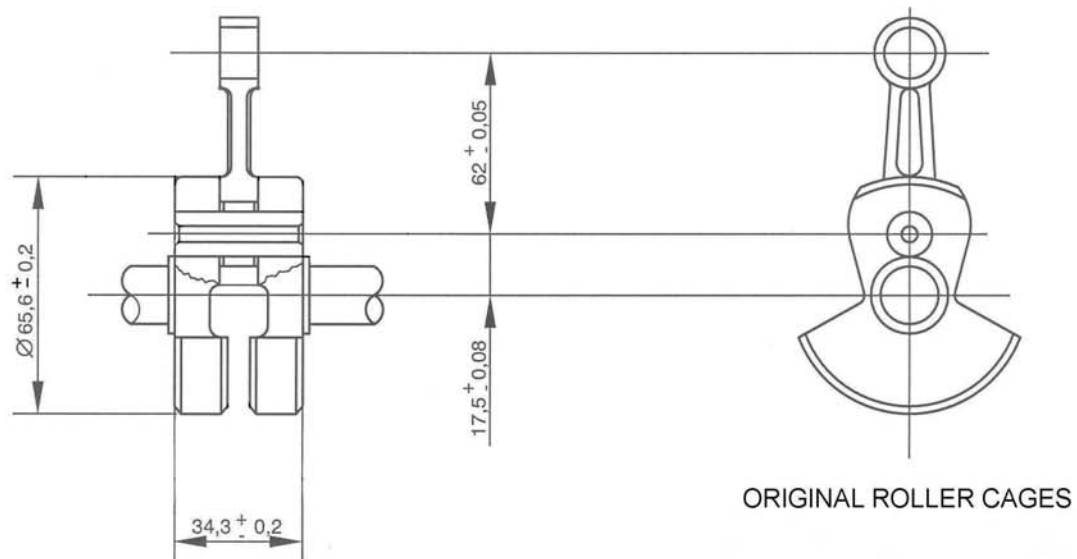
Indonesia

Malaysia

Thailand

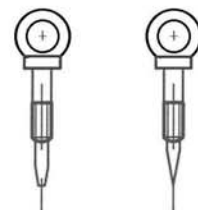
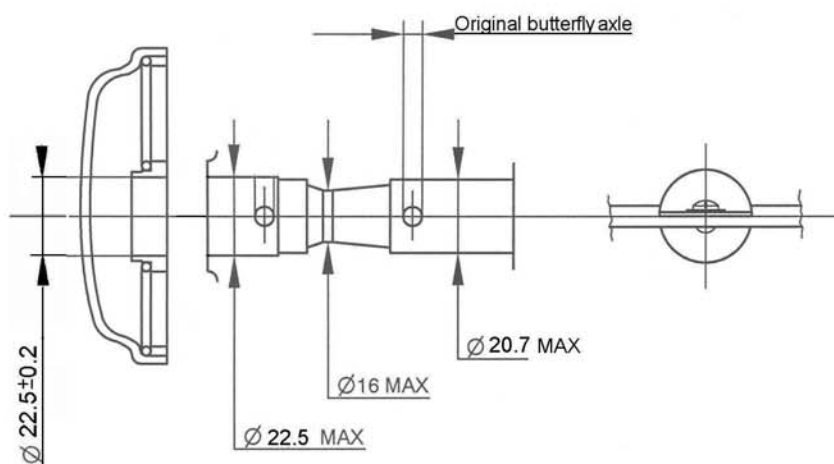
Philippines

COMPLETE CRANKSHAFT



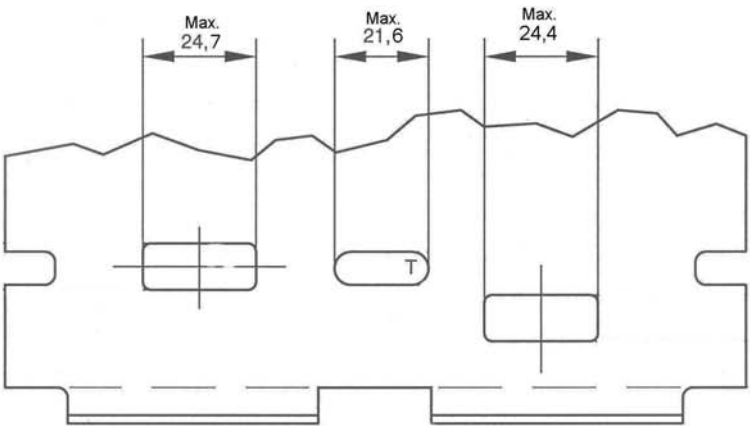
ORIGINAL OIL SEALS WITH SPRING
8 BALLS BEARING WITH IRON CAGE

ORIGINAL CARBURETTOR "TILLOTSON HL 166" max. Venturi $\varnothing 16$ mm.



OPTIONAL

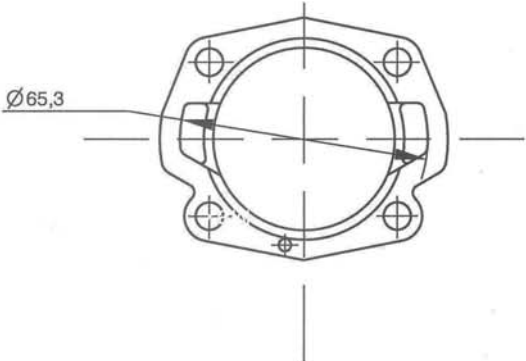
CYLINDER



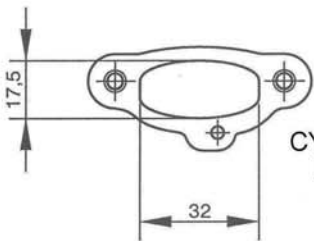
Max. INTAKE 127°
Max. EXHAUST 152°
Max. TRANSFER 116°

ALL MEASUREMENTS DONE
WITH 0,2 FEELER GAUGE WIDE 8 mm

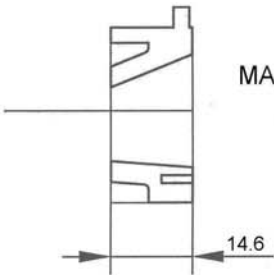
TOLERANCES ± 0.30 mm



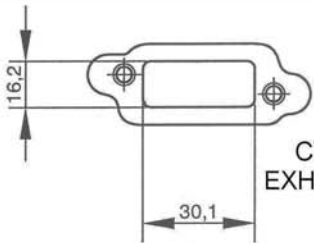
CYLINDER SURFACE



CYLINDER
INTAKE FLANGE



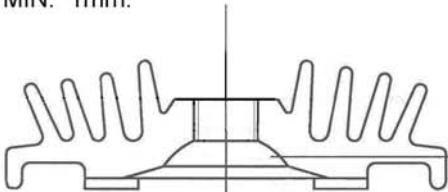
MANIFOLD



CYLINDER
EXHAUST FLANGE

HEAD-PISTON-CYLINDER-CRANK CASE

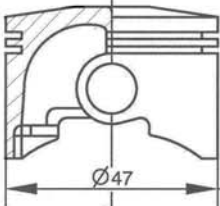
SQUISH MIN. 1mm.



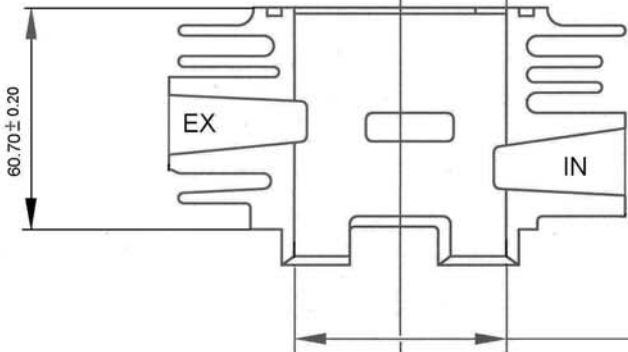
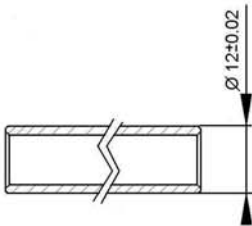
COMBUSTION CHAMBER
VOLUME 6 cm³ MINIMUM
measured on the spark plug surface
using Shell oil Advance M mixed with fuel 50 %

PISTON PIN

PISTON WITH
TWO RINGS



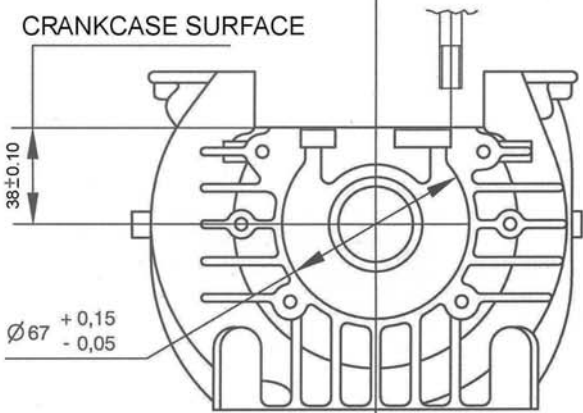
A	- 0,005
B	- 0,015
C	- 0,025
D	- 0,035
E	- 0,045



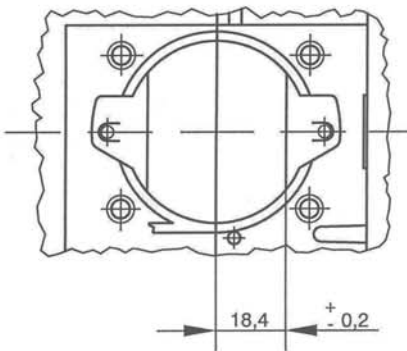
CYLINDER

A	47,055	47,064
B	47,045	47,054
C	47,035	47,044
D	47,035	47,044

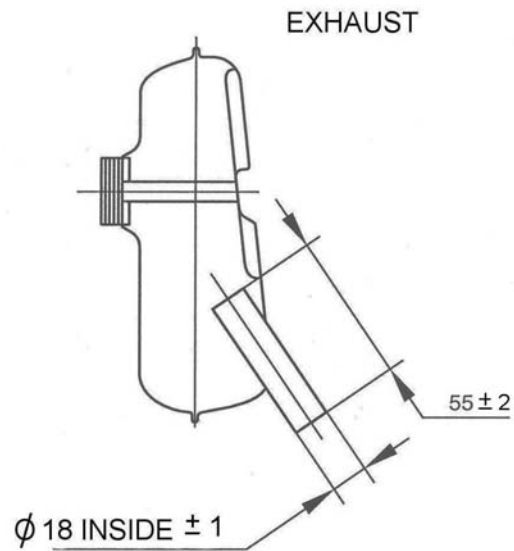
CRANKCASE SURFACE



CRANKCASE SURFACE

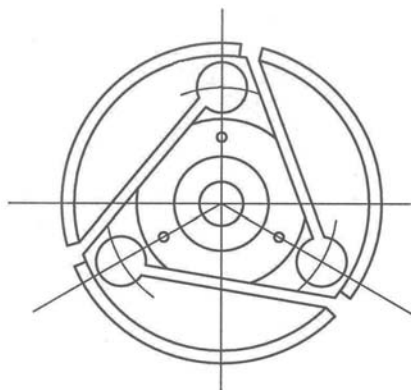


MUFFLER

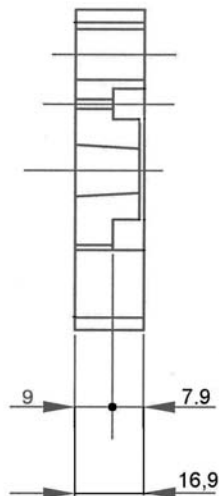


CLUTCH

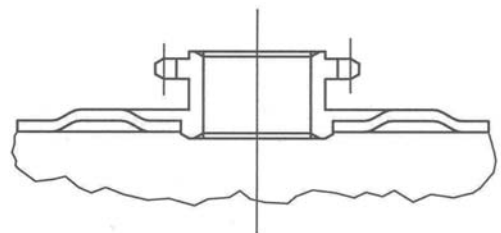
CLUTCH



TOLERANCE ± 0.3 mm



COMER SPROCKET
11 TEETH



IGNITION

ELECTRONIC IGNITION

BOSCH - DUCATI

RECOMMENDED SPARK PLUGS

BOSCH W2AS-W08AS

SPARK PLUG CAP

COMER ORIGINAL

